

REMARKS

This Office Action has been carefully reviewed in light of the Office Action dated June 21, 2004. Claims 18 to 28 are pending in the application, with Claims 23 to 28 having been added. Claims 18 and 21 have been amended, and Claims 18, 21, 23 and 26 are in independent form. Reconsideration and further examination are respectfully requested.

In the Office Action, Claims 18 to 22 were rejected under 35 U.S.C. § 102(e) over U.S. Patent No. 6,374,127 (Park). Reconsideration and withdrawal are respectfully requested.

Referring specifically to the claims, independent Claim 18 as amended is directed to a wireless communication apparatus including wireless communication means, and a plurality of power supply means for supplying a power to the wireless communication means. In addition, the apparatus includes selecting means for selecting one of the plurality of power supply means in accordance with a state of the wireless communication means, wherein power from the selected one of the plurality of power supply means is supplied to the wireless communication means.

Independent Claim 21 as amended is directed to a method of supplying a power for wireless communication, including the step of detecting a state of the wireless communication. The method also includes the steps of selecting one of a plurality of power supplies in accordance with a state of the wireless communication, and supplying power for the wireless communication from the selected one of the plurality of power supplies.

A feature of the invention of these claims therefore lies in selecting one of a plurality of power supplies (or power supply means) in accordance with a state of the wireless communication, and supplying power for the wireless communication from the selected one of the plurality of power supplies (or power supply means). The applied reference of Park is not seen to disclose or suggest at least this feature.

As understood by Applicant, Park discloses a power supply apparatus for a mobile communication terminal having voltage regulators, a receiver and baseband signal processor, a transmitter, a power amplifier, and a DC/DC converter for converting a DC voltage from a battery. In a reception mode of the mobile communication terminal, the power supply apparatus regulates the DC voltage converted by the DC/DC converter and supplies the regulated DC voltage to the receiver and baseband signal processor. In a transmission mode, the power supply apparatus converts the DC voltage to a DC voltage corresponding to a transmission AGC (Automatic Gain Control) voltage which is determined based on a transmission power. The converted DC voltage is then supplied to the receiver and baseband signal processor, the transmitter, and the power amplifier via the voltage regulators. See Park, Abstract; column 1, line 65 to column 2, line 13.

The Office Action equated the claimed plurality of power supply means with the battery, voltage controllers, voltage regulators and DC/DC converter of Park. However, nothing in Park is seen to disclose or suggest that out of these plural items, one is selected, muchless that one is selected according to a state of wireless communication. Rather, Park merely teaches that the output voltage of a DC/DC converter varies according to transmission power. Accordingly, Park is not seen to teach selecting one of a plurality of power supplies (or power supply means) in accordance with a state of the wireless

communication, and supplying power for the wireless communication from the selected one of the plurality of power supplies (or power supply means).

Allowance of Claims 18 and 21 is therefore respectfully requested.

Newly-added independent Claim 23 is directed to a wireless communication apparatus including wireless communication means for transmitting and receiving signals wirelessly, and a plurality of power supply means for supplying a power to the wireless communication means. In addition, the apparatus includes switching means for switching the plurality of power supply means in accordance with a signal received by the wireless communication means.

Newly-added independent Claim 26 is directed to a method of supplying power to a wireless communication device which receives and transmits signals. The method includes the steps of providing power from a plurality of different power supplies, receiving a signal from the wireless communication device, and switching power from the plurality of power supplies in accordance with the signal received in the receiving step.

A feature of the invention of these claims therefore lies in switching power from the plurality of power supplies in accordance with a signal received from the wireless communication device. Park is not seen to disclose or suggest at least this feature.

As noted above, Park describes a power supply apparatus having a battery, voltage regulators and a single DC/DC converter, in which the output voltage of the DC/DC converter is varied based on a transmission or reception mode. Although Park teaches variation of the output voltage, it is only seen to do so for the single DC/DC converter. Park is not seen to teach that output voltage is varied for other components which the Office Action compared to the claimed plurality of power supplies, namely

Park's battery, voltage controllers and voltage regulators. Accordingly, Park is not seen to disclose or suggest that power from the plurality of power supplies is switched in accordance with a signal received from the wireless communication device.

Allowance of Claims 23 and 26 is therefore respectfully requested.

Accordingly, based on the foregoing amendments and remarks, independent Claims 18, 21, 23 and 26 are believed to be allowable over the applied reference.

The other rejected claims in the application are each dependent from the independent claims and are believed to be allowable over the applied references for at least the same reasons. Because each dependent claim is deemed to define additional aspects of the invention, however, the individual consideration of each on its own merits is respectfully requested.

In view of the foregoing amendments and remarks, the entire application is believed to be in condition for allowance and such action is respectfully requested of the Examiner's earliest convenience.

Applicant's undersigned attorney may be reached in our Costa Mesa,
California office at (714) 540-8700. All correspondence should continue to be directed to
our below-listed address.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Michael K. O'Neill", written over a horizontal line.

Attorney for Applicant
Michael K. O'Neill
Registration No. 32,622

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-2200
Facsimile (212) 218-2200

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